

### Abstract

The present invention offers a compact, lightweight, inexpensive head/disk test device. The spin stand of the present invention is a spin stand that supports a magnetic head to enable attaching and removal and comprises a hydrodynamic bearing motor that continues rotating even when the magnetic head is attached or removed. The spin stand of the present invention comprises a hydrodynamic bearing motor and means for detecting changes in the reverse electromotive force or changes in the magnetic flux density generated by the rotation of the hydrodynamic bearing motor and for generating an index signal. Furthermore, the spin stand of the present invention is a spin stand provided with a hydrodynamic bearing motor and encloses a conductive fluid in a bearing of the hydrodynamic bearing motor and the bearing is grounded. The head/disk test device of the present invention comprises any one of the spin stands described above.